

Title (en)

METHOD AND SYSTEM FOR COMMUNICATION IN A WIRELESS NETWORK

Title (de)

METHODE UND SYSTEM ZUR KOMMUNIKATION IN EINEM DRAHTLOSEN NETZWERK

Title (fr)

PROCÉDÉ ET SYSTÈME DE COMMUNICATION DANS UN RÉSEAU SANS FIL

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Abstract (en)

[origin: WO2010079438A1] The invention relates to a method for communication between nodes in a wireless network further comprising a router node (2), comprising : a first (1) and second (3) transmitting nodes sending a first (a(t)) and second (b(t)) data signals to be respectively transmitted to a first (4) and second (5) receiving nodes, - the router node (2) receiving a mixed signal (MDATA[a,b](t)) resulting from interference of the first (a(t)) and second (b(t)) data signals, and sending respectively to the first (4) and second (5) receiving nodes a first and second router analog acknowledgment signals comprising information representative of the hearing duration during which the mixed signal has been received by the router node, - the router node (2) sending the mixed signal(MDATA[a,b](t)) to the first (4) and the second (5) receiving nodes, the first (4) and second (5) receiving nodes decoding the mixed signal, based on the respective router analog acknowledgment signals. The invention also relates to a communication device and a network therefor.

IPC 8 full level

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